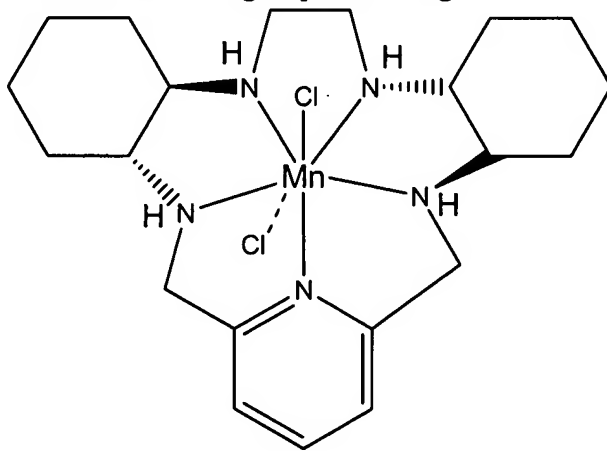


This listing of claims will replace all prior versions, and listings, of claims in the application:

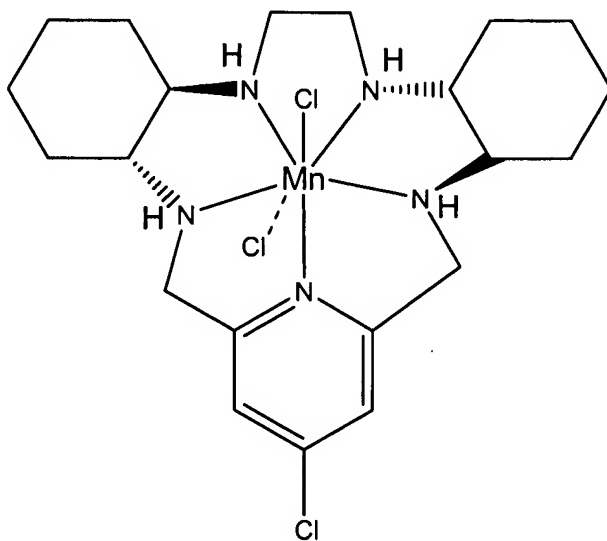
Listing of Claims:

Claims 1-12. (Cancelled),

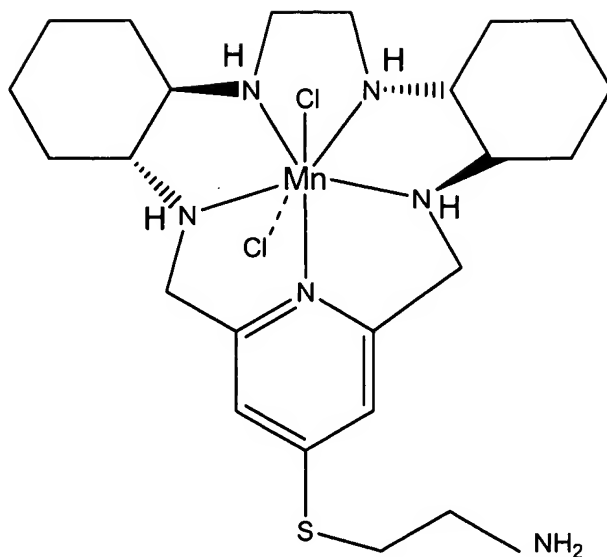
13. (Currently Amended) ~~The modified biopolymer of claim 2A~~ modified biopolymer comprising a biopolymer chosen from the group consisting of chitin, chitosan, cellulose, methyl cellulose, hyaluronic acid, keratin, fibroin, collagen, elastin, and saccharide polymers attached to at least one non-proteinaceous catalyst capable of dismutating superoxide in the biological system or precursor ligand thereof, wherein the non-proteinaceous catalyst capable of dismutating superoxide is chosen from the group consisting of:



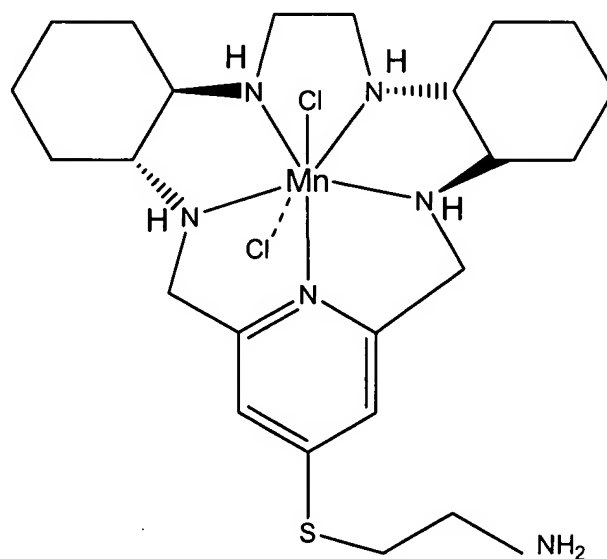
;



; and



14. (Currently Amended). Modified hyaluronic acid prepared by reaction of hyaluronichyaluronic acid with a non-proteinaceous catalyst capable of dismutating superoxide having the structure:

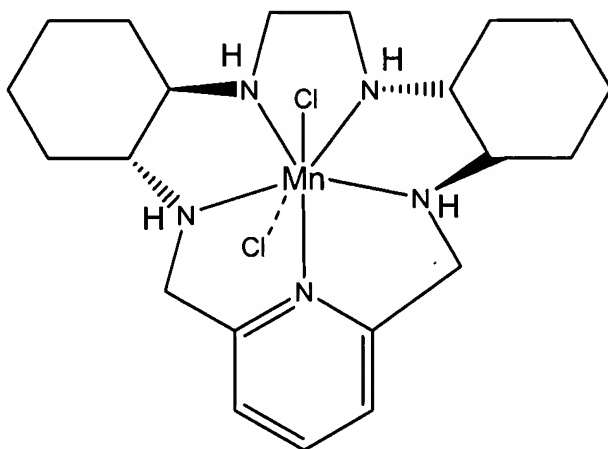


or a precursor ligand thereof under conditions appropriate to covalently attach the non-proteinaceous catalyst capable of dismutating superoxide to the hyaluronic acid.

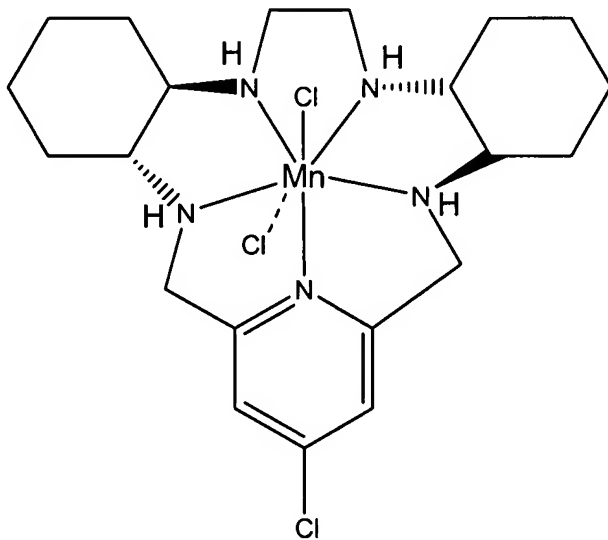
Claims 15-23. (Cancelled)

24. (New). The modified biopolymer of claim 13, wherein the biopolymer is hyaluronic acid.

25. (New). A modified biopolymer comprising hyaluronic acid attached to at least one catalyst having the structure:



26. (New). A modified biopolymer comprising hyaluronic acid attached to at least one catalyst having the structure:



27. (New). A modified biopolymer comprising hyaluronic acid attached to at least one catalyst having the structure:

